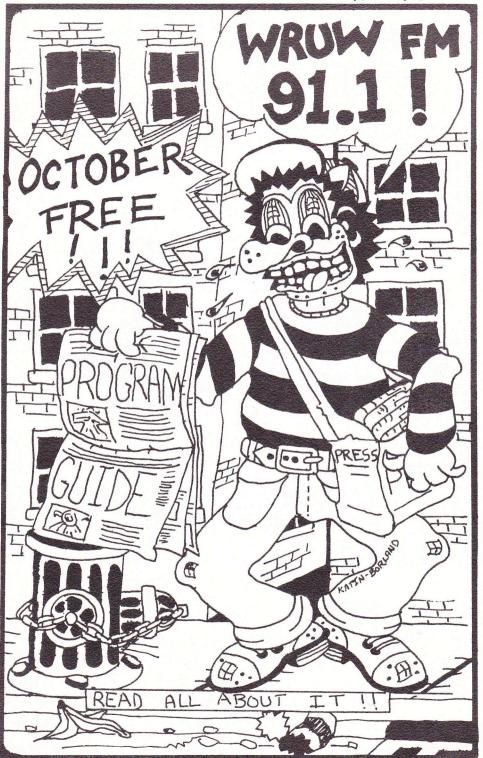
October 1973





## EARTH NEWS

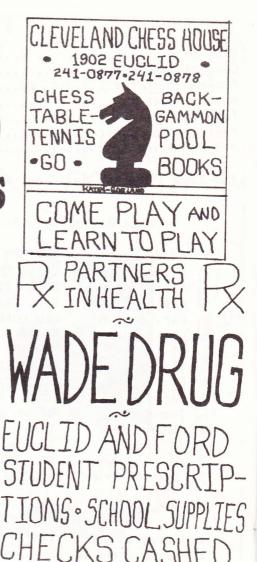
This month, WRUW News will be carrying Earth News Service, the oldest source of alternative news to American Radio.

"For thousands of young Americans, it is the only news," said a commentator last year on the CBS Evening News with Roger Mudd.

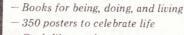
Earth News will augment our United Press International service with reports on politics, dope, music, "funk" and a special dispatch of ecology and consumer action stories.

You can hear Earth News daily on WRUW along with the latest in World News at 1,4, and 8 p.m. Earth News-- at last someone is telling the stories that the newsmakers would like to forget.

Roger Gerst



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1990 FORD DRIVE (at Euclid)
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## OCTOBER PUBLIC AFFAIRS SCHEDULE

MONDAY

7pm-8pm FIRING LINE With WILLIAM F. BUCKLEY

TUESDAY

7pm-8pm PACIFICA 'A' PROGRAM SERVICE

10/2 Interview w/Kozinski/Making it: The Hip Capitalist

10/9 Watergate: America as Advertised (2 Hrs.)

10/16 Interview w/Roger Garaudy

10/23 Is it Safe to Work

10/30 The Midway Plane Crash: Coincidence or Conspiracy?

WEDNESDAY

7pm-7:30 From The Halls of Montezuma w/Ray Mikelthun (examination of American foreign policy)
7:30-8pm HER WAKING-Feminist Program

THURSDAY

7pm-8pm OUR HOMEMADE SPECIAL OF THE WEEK

FRIDAY

7pm-8pm PACIFICA'B' PROGRAM SERVICE

10/5 D.H. Lawrence: a Profile

10/12 Watergate (2Hrs.)

10/19 Religion & Gay People

10/26 Salvador Allende at the United Nations

SATURDAY

6pm-7pm THAT FREE MUSIC STORE

10/6 Arbie Stidham

10/13 Emerald City

10/20 Betsy Marshall

12/29 The Newest Tiny Alice Jug Band

SUNDAY

6pm-6:30 FREE CLINIC NEWS

6:30-7pm SPEAKING OF SCIENCE FICTION

10/7 Overview of Sci Fi

10/14 History-with Damon Knight & Isaac Assimov

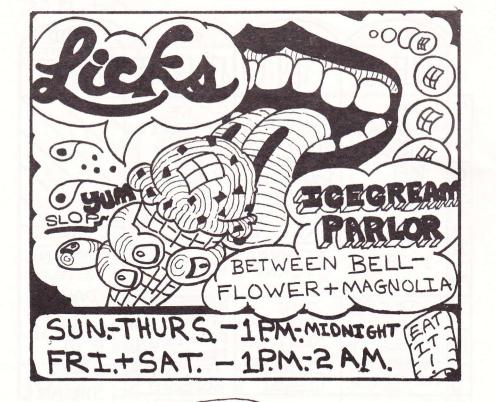
10/21 The Science Fiction Plot- PQul Anderson, Harry Harrison, Gordon Dickson, John Campbell

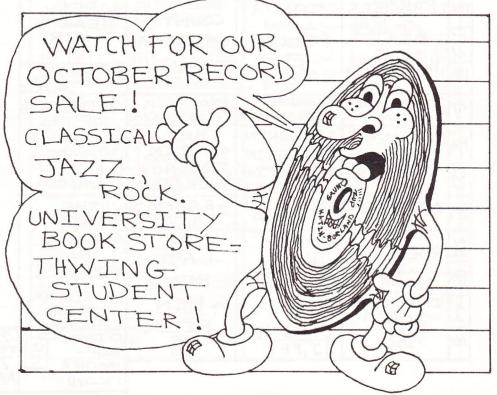
10/28 Why do you write Sci Fi-interviews w/Sci Fi writers

B	1	B		
KATIN-BOKLAN	D	SUN	MON	TUE
K H H	7 AM 9	THE R MORNING SHOW - ANDY BERCHUCK	THE MORNING SHOW- MOLLY SINGER [F, R]	THE MORNING SHOW- JACKSON R
TOBE	11	ALTERNATE REALITIES		
DS WILLIAM DE	1 PM 3	THE PM CLASSICAL  3 ENTERPRISE	MUSIC - SOMEONE FF	EGADZ - MARK POSOFF
			NO MORE WALLS- KEN NAGEL- BERG C.F. RI	MUSKRAT FURY - DEAN C. WOLF F.
	7 PM	THE BLUES PROJECT LINDA SCHRECK-	FIRING LINE BLOOZE IN DA	PROGRAING PROGRAING OUT J THERE
	9 PM	PERMUTA- TIONS JR	NIGHT -BOBB,J SHENK	BONINO - JIW
	PM 1 AM	BILL HOLBROOK	STEVE PETRIE	MAIDEN'S VOYAGE- KEN J NAGEL- BERG-

	( DED				
	WED	THU	FRI	SAT	
7 4 9	THE MORNING SHOW [FF]	THE MORNING F. SHOW- R. BILL KIMBEL	THE MORNING SHOW [FF]		
M 11 M	R-ROCK F-FOLK B-BLUES J-JAZZ	FF-FREE,	O-OLDIES C-COUNTRY S-SOUL CL-CLASSICAL	THE MORNING AFTER	
1 PM 3	THE CLI CLASSICAL REALITY -LARRY KESSLER	THE RELEVANT SECTOR- ARTEMIS B,J,R	DIFFERENT STROKES FOR DIFFERENT FOLKS J. TERRY RS GODBOLT	DENISE C,R BILLY SHEARS	
PM 5 PM	PARCELS A F,R BILL HOLBROOK	JON PILLOT E	THE COUNTRY GENTLEMAN - ERIC C ROSEN	LONELY HEARTS CLUB TO TIME STORE TIME ALTER	1
7 PM 9	ROOTS J.	SPECIAL OF THE WEEK AFIDDLIN' A FIGHTIN' A FLIRTIN', TA FUSSIN DEAN		REFLECTIONS OF THE OLD SAME J. PLACE- S. ERIC LAMM	
PM 11 PM 1 AM	ROCKOUT	THE GREEN AARDVARK ~ PAT DRAINE J, FF	THE LAST	ARTEMIS WILLIAMS BJRS	2
		(0)(1)		MOTHER R. PHLOYD	207 AM

Oct. 1973





## GOIN' AROUND AGAIN

A few issues ago, I briefly touched upon some of the criteria upon which to base decisions like: which turntable to buy, and some of the quality differences between the different makes of automatic turntables as well as the manuals. Well, in this issue, I'LL try to discuss intelligently, differences between specific turntables (makes & models).

Let's start off with a manufacturer we are all familiar with, our friendsat Garrard Ltd. of Great Britain. About seven or eight years ago, Garrard was the leading name in automatic turntables as well as in the field of precision, high quality tables like the Lab 80. This turntable with its unique record dropping mechanism and its wood tonearm, was highly respected by the Hi-Fi industry.

It seems, however, that all this critical acclaim went to their heads and, as a result, the quality of their products has been on asharp downswing. Their present "quality line" begins with the SL55B and culminate with the much heralded ZERO 100. All of these models include the "revolutionary" SYNCRO-LAB motor, which is supposed to give high torque and "absolute" speed precision. A friend of mine has a SL55 that has been running fast since the day he bought it, and has had it into the shop twice before he gave up on it.

The ZER0100, has been the topic of much discussion among audiofiles since its introduction in 1971. Most of it centers around the unique tonearm on the turntable. The shell head on the arm pivots inward as the record nears the inner grooves, an effort to avoid tracking error. Tracking error in the case of an LP occurs toward the inner grooves of the record, where the walls of the groove are narrower and the arc of the grooves is much steeper. What happens is that the angle of the shell head remains the same while the arc of the grooves gets sharper, and thearm no longer remains tangent to the grooves, so what you get is distortion. The ZER0100 arm (meaning zero error) changes the head angle as the arm nears the inner grooves, and thus it remains tangent to the inner grooves and tracking error is minimized.

It does work, but what is neglected here is the fact that the tracking error produced by a conventional high compliance arm and cartridge is negligable anyway. So here we have a "revolutionary" arm that minimizes what

can only be heard using low compliance cheap arms.

Another overlooked point is the changer mechanism, THE THING YOU REALLY WANT IF YOU'RE BUYING AN AUTOMATIC TABLE. The mechanism is nothing spectacular and is far from gentle. It is also prone to the usual Garrard problems and is quite susceptible to breakage.

So here we have a good arm on a mediocre table with a price tag of \$189 (less base & dust cover, of course).

Another manufacturer I'm sure you're all familiar with is BSR (letter sound reproduction) ltd.. also of Great Britain. They make the turntables you find in your Magnavox console stereo system. Recently, however, they entered the high priced automatic turntable market. with their BSR 810. This unit is competitively priced with the ZERO 100 but has no real "breakthroughs". Its appearance and design are quite similar to the old Miracord 50H, a high quality but temperamental changer that is no longer available. Its center spindle is identical to the 50H and has a similar arm. But underneath the platter, the similarity ends. Its changing m mechanism is unique in that it does not contain the large idler gear found in 95% of the automatics manufactured today. Instead, it employs a type of worm-gear drive mechanism which controls the dropping sequence. remains to be seeen how reliable this mechanism will be. since it has not been on the market long, but the idea seems sound and should not break easily.

However, there were two problems I encountered in testing this unit. The first one seems minor.

When you reject a record while it is playing, the turntable slows down with the needle still on the record so you hear a "wow" before muting switch silences the tonearm. It could be corrected by setting the muting switch to mute the arm sooner in the sequence, and thus either that or redesign the mechanism so there is no speed drop when a record is rejected.

The second problem is a bit more serious. I said before that the spindle is identical to the one on the Miracord 50H and it seems to share the same problem. If the center hole of a record is a little larger than normal (which happens when you play them on a platter whose spindle doesn't spin), the record will sometimes hang up on the spindle and prevent any more records from dropping. So if many of your records have enlarged center holes, you should be leery of this one.

The third major manufacturer of automatics is an outfit known as United Audio of which Dual turntables is a division. Unfortunately, I did not get to test their new line so I do not feel I can discuss it here, but Duals have proven quite reliable in the past, although each model has its own little quirks. The speed regulation is good, and the arms are good quality. So take a look at the new models and decide for yourself.

This biased and opinionated article cannot possibly be used to make a final purchase decision but it should be of some help. Next time, for those of you who want the best and money is no object, we'll discuss the new super high quality manual turntable everyone's been tell-

ing you about.

Michael Tricarichi

